Mechanics' Institute,

SAN FRANCISCO.

CALIFORNIA
SEP 1893
ACADEMY OF SCIENCES

Thirty-Seventh Annual Report,

1892.

Mechanics' Institute

LIBRARY AND READING ROOM,

31 Post Street, San Francisco.

60,000 VOLUMES.

From three hundred to six hundred volumes added monthly.

Daily list of additions are posted in the circulation department.

New books of general interest or special merit are added as soon as published, and duplicated in accordance with the demand.

Members' requests for books not already in the Library receive careful consideration.

The Reference Department is especially strong in mechanical and engineering works, including complete sets of the principal American and Foreign scientific periodicals.

It contains also, the United States and the English Patent Office Reports, complete.

The Reading Room list of periodicals embraces the titles of 400 newapapers, magazines reviews and journals.

Classes in Mechanical, Architectural and Free-Hand Drawing, each two evenings a week.

Season tickets to the Industrial Exposition of the Institute, half price to members.

HOURS OF THE LIBRARY.

LIBRARY, - - - - - - - -	9 A. M to 10 P. M.
" (Sundays,) - - - - -	12:30 to 4:30 P. M.
READING AND CHESS ROOMS, - -	7 A. M. to 10 P. M.
" " " " (Sundays,)	8 A. M. to 9 P. M.

TERMS OF MEMBERSHIP.

Entrance Fee, - - - - -	$ 1 00
Quarterly Dues, - - - - -	1 50
Life Membership, - - - - -	50 00

Rooms open for inspection day and evening.

THIRTY-SEVENTH

Annual Report

OF THE

MECHANICS' INSTITUTE.

SAN FRANCISCO, CAL.

1892.

PRESIDENTS OF THE INSTITUTE

From its Organization.

1855 —BENJAMIN HEYWOOD.
1855 —JOHN SIME.
1856 —R. MATHESON.
1857-58—JOHN SIME.
1859 —GEORGE COFRAN.
1860 —THOMAS TENNENT.
1861 —JOHN P. BUCKLEY.
1862 —B. H. FREEMAN.
1863-64—JOSEPH BRITTON.
1865 —CHARLES M. PLUM.
1866 —H. J. BOOTH.
1867 —GEORGE K. GLUYAS.
1868-77—ANDREW S. HALLIDIE.
1878-79—IRVING M. SCOTT.
1880-88—P. B. CORNWALL.
1889-91—DAVID KERR.
1892-93—IRWIN C. STUMP.

OFFICERS.

BOARD OF TRUSTEES, 1892–1893.

IRWIN C. STUMP, President,
GEORGE E. DOW, Vice-President,
J. K. FIRTH, Treasurer,
SAMUEL J. HENDY, Recording Secretary,
MARSDEN MANSON, Cor. Secretary,
GEORGE CUMMING,
FRANK DALTON,
M. A. DORN,
GEORGE. F. DUFFEY,
A. S. HALLIDIE,
OSCAR LEWIS,
D. A. MACDONALD,
A. W. STOTT,
ANDREW WILKIE.

J. H. CULVER, Secretary, 31 Post Street.

STANDING COMMITTEES.

FINANCE ..... DALTON, HALLIDIE, DORN
LIBRARY, ROOMS AND BUILDING ..... WILKIE, MACDONALD, LEWIS
BOOKS AND DONATIONS ..... HALLIDIE, DALTON, MANSON
LECTURES AND CLASSES ..... MANSON, DOW, FIRTH
PRINTING AND ADVERTISING ..... DUFFEY, HENDY, DALTON
POWER AND MACHINERY ..... FIRTH, DOW, CUMMING
RULES, REGULATIONS AND AWARDS ..... LEWIS, MANSON, MACDONALD
TICKETS AND ADMISSIONS ..... DOW, HENDY, WILKIE
MUSIC, DECORATION AND ART ..... DORN, HALLIDIE, STOTT
PRIVILEGES ..... HENDY, WILKIE, DUFFEY
LOCATION AND POLICE ..... MACDONALD, CUMMING, WILKIE
HORTICULTURE ..... STOTT, MANSON, DUFFEY
SPECIAL EXHIBITS ..... CUMMING, FIRTH, LEWIS

THE PAVILION COMMITTEE consists of the President, Vice-President and Treasurer.

LIBRARY.

31 POST STREET.

HORACE WILSON.....Librarian.

A. M. JELLISON.....Assistant Librarian.

ASSISTANTS.

F. B. GRAVES, F. I. BAMFORD,

J. H. WOOD, R. D. COLQUHOUN,

G. N. BREWER.

F. E. HARRIS, Janitor.

REPORT OF THE PRESIDENT.

To the Trustees and Members of the Mechanics' Institute:

Since the last annual meeting of the members the affairs of the Institute have been prosperous and pleasant, and during the year many important changes and improvements have been made in the Library as regards book spaces and the arranging of books. Quite a number of periodicals have been added to the former list, the duplicates being of those that are the most popular and largely read. The increase was a necessity. A full list can be found posted in the Library.

CLASSES.

Our classes have been well attended during the term, and the progress of the pupils has been satisfactory. We hope ere long to be able to furnish the scholars with more pleasant quarters, as the art rooms, at the Pavilion, are cheerless and cold during the winter months. Separate rooms have been provided for the class meetings on different evenings, so that they do not conflict in the least as to the use of the apartments, each being independent of the other.

The Free Hand Class room has been provided with movable screens, an additional number of casts and such improvements made from time to time as experience would suggest to be for the best interest of the class.

The Architectural Class, which was started somewhat as an experiment for the first time this year, is proving quite a success, and the Committee earnestly recommend its continuance. The classes, as a whole, have been very successful, and much interest has been displayed by both teachers and scholars in their work. While much has been accomplished in the line of drawing, the Committee believe that lectures on mechanical, scientific and engineering subjects would prove of great interest and of practical value to the classes, and they recommend that arrangements be made during the next term for these lectures.

BUILDING.

The Library building and rooms are in good condition. During the past year various improvements have been made, among which I will mention—

The placing of a number of alcove cases in the Reference Room to accommodate our constantly increasing supply of books.

A new and much needed heating plant has been placed in the building, that seems to give general satisfaction.

Necessary changes in providing a new meeting room for the Trustees and placing the Secretary's office on the third floor.

Very extensive repairs have been made on the roof of the Pavilion building, using over 80,000 shingles and 5,000 flashings, besides the retinning of cornice, pediments and tower decks. It is probable, from now on, this building will be a source of considerable expense to keep it in anything like good condition.

There are many expressions of dissatisfaction among the members on account of our limited Library rooms and building accommodations. That there is good cause for grumbling, I believe; and in view of the large and steadily increasing membership, the time has arrived when an effort should be made to provide more commodious quarters, including Library, Reading and Chess Rooms, a Lecture Hall, Laboratory and Class Rooms, thus placing the Institute in a position to carry out the objects for which it was organized.

I would recommend that a committee of three or five be chosen by the Board from the membership at large, selecting men who are well-known friends of the Institute and have taken an interest in its welfare during the past, and to whom refer the entire matter of improvements and location.

Let them canvass the matter fully as to the location of the Library on Hayes and Larkin streets, or the remodeling of our Post-street property; also the question of purchasing a lot in a desirable locality, and the erection of a building such as the Mechanics' Institute requires for all purposes; and report back to the Board, for approval or rejection, any or all conclusions they may agree upon. Said committee to serve without any pay for their services.

To assist them in their labor, it shall be the duty of the Secretary of Board of Trustees to attend all meetings of said committee, and keep a record of the proceedings and perform any other duties they may require.

My reasons for making this recommendation are these:

When the new Board organizes it will then take hold of Fair matters, which of necessity will take all the time they can spare up to next November, and then the matter of improvements will, I fear, pass over until it is stirred up again at the next annual election.

I would further recommend that the Institute open an account at some bank, and all moneys taken in, either by the Librarian or Secretary, be deposited each day at the bank, if the sum exceeds $50, and that all bills be paid by draft on the bank, when countersigned by the Treasurer.

The following statistics and financial report for the year will be of interest:

Financial Statement for the Year Ending February 29, 1892.

RECEIPTS.

Library—		
Books, fines, overpaid bills, etc.	$1,681 93	
Entrance fees	1,145 00	
Life memberships	250 00	
Quarterly dues	21,938 50	
Rents, Post street	7,850 00	
Tax account	92 03	
		$32,957 46
Folsom-street Lot—		
Rents	$ 400 00	
Tax account	50 00	
		450 00
Pavilion Property—		
Rent of building	$11,586 74	
Sale of old material	64 92	
Cancelled insurance	172 85	
Rent, Hayes street	3,741 30	
Tax account	194 45	
		15,760 26
Twenty-fifth Exposition—		
Balance from last year		74 79
Twenty-sixth Exposition—		
Profit		17,732 68
Loan Account—		
American Bank and Trust Co		7,000 00
Sundry Bills—		
Unpaid		2,456 27
Error in taxes last year		27
Cash Balance, March 1, 1891—		
With the Treasurer	742 81	
With the Librarian	144 59	
		887 40
		$77,319 13

EXPENDITURES.

Library—		
Advertising	$ 78 60	
Books	4,506 41	
Binding	1,641 31	
Printing and stationery	934 64	
Periodicals	2,340 61	
Carried forward	$9,501 57	

Brought forward	$ 9,501 57	
Salaries	9,712 50	
Water	230 25	
Taxes	1,669 30	
Fuel	168 14	
Expense	925 48	
Furniture	201 00	
Insurance	1,087 50	
Lighting	1,946 06	
Repairs	1,100 15	
		$26,541 95
Pavilion Property—		
Interest	$ 1,000 00	
Permanent improvements	4,667 71	
Taxes	3,527 76	
Salaries and labor	3,538 62	
Gas	844 20	
Repairs and expense	1,997 69	
Water	144 00	
Insurance	1,637 45	
		17,357 43
Folsom-street Lot—		
Taxes	$ 907 44	
Interest ($1,000 of which was due on last year's account)	7,000 00	
		7,907 44
Evening Classes—		
Salaries and expense		1,438 04
Bills Payable—		
Hibernia Bank, on loan		20,000 00
Martin Jones—		
Payment of loan		3,000 00
Cash Balance, March 1, 1892—		
With Treasurer	$ 894 40	
With Librarian	179 87	
		1,074 27
		$77,319 13

Respectfully submitted.

W. T. Y. Schenck,
A. W. Stott,
Geo. F. Duffey,
Finance Committee.

Recapitulation.

Paid out for permanent improvements.

Pavilion Block—		
Machinery Hall—Smoke-stack	$195 00	
" " Exhaust Pipe	694 76	
" " Machine Work	17 80	
" " Lubricator	15 00	
		$922 56
Repairing Roof—Tinning, Flashings, Shingles and Painting	$833 43	
" " Carpenters and Labor	1,612 91	
		2,446 34
New Floor—Lumber	$426 75	
" Freight	260 95	
" Cartage	15 00	
" Labor	199 77	
		902 47
Sidewalk—Repairs to		65 00
Expense—Glass	$247 65	
" Labor	37 00	
" Hardware	46 69	
		331 34
		$4,667 71
Post Street—		
Library Building—Roof and Ventilating	$120 15	
" " Carpenter Work, Lumber, Hardware, etc	485 44	
" " Plumbing, Gasfitting, etc	115 22	
" " Painting and Whitening	41 50	
" " Glass	35 24	
" " Sidewalk (repairing)	2 50	
" " Heater	300 00	
		1,100 15
Mortgage Indebtedness—Paid Hibernia Savings and Loan Society		20,000 00
		$25,767 86

Assets—	*Valuations.*	
Pavilion Block	$1,000,000 00	
Post-street Property	225,000 00	
Folsom-street Lot	175,000 00	
Books and Furniture, Library	82,000 00	
Cash	1,074 27	
		$1,483,074 27
Against which there is a mortgage by Hibernia Bank of	$100,000 00	
Floating indebtedness	9,456 27	
		109,456 27
		$1,373,618 00

I desire to call your attention to the report of I. M. Scott, President of the Institute, on page 77 of the Fourteenth Industrial Exhibition for 1879, placing the value on the entire property of the Institute, above all incumbrances, at $204,969.54. To-night the value of your property, at a fair estimate, is $1,373,618.00, showing a clear gain for the Institute, in 12 years, of $1,168,484.46.

In conclusion: Members of every opinion, allow me to say to you to lay aside every feeling of interest which tends to place this most worthy result of thirty-seven years as a matter of second importance, but united, each helping the other, shoulder to shoulder, press forward and upward towards the goal of permanent success. It is close at hand; it is within reach; your income is larger than your expenses; your total debt is small in comparison to the property you own.

The coming years should add a fund with which to enlarge your Library; increasing your reading and chess rooms; adding to your social conveniences, and make true the long-delayed hopes of the best friends of the Institute—and recollect it is the Mechanics who are on trial, who are doing this.

Its fulfillment will be their honor; its failure, their disgrace. So far, not a single dollar of aid given in the name of charity has been used to build its walls or fill its shelves. But manfully, and in business fashion, you have paid one hundred cents on the dollar for everything you needed; you have given, and are giving now, to the public the greatest amount of benefit at the least possible cost to them.

Uplift the cause; cement as brothers every interest, and make the Mechanics' Institute and the name "Mechanic" a synonym of success and fair dealing.

February 5th, 1892. DAVID KERR, President.

REPORT OF THE TREASURER.

To the President and Members of the Mechanics' Institute:

I herewith present my report for the year ending February 29, 1892:

GENERAL FUND.

RECEIPTS.

Quarter ending May 31, 1891	$11,295 85	
" " August 31, 1891	13,684 40	
" " November 30, 1891	37,260 08	
" " February 29, 1892	23,359 13	
		$85,599 46

DISBURSEMENTS.

Quarter ending May 31, 1891	$11,295 85	
" " August 31, 1891	13,684 40	
" " November 30, 1891	36,690 03	
" " February 29, 1892	23,034 78	
	$84,705 06	
Balance on hand February 29, 1892	894 40	
		$85,599 46

SINKING FUND.

RECEIPTS.

Balance February 28, 1891	$388 33	
Quarter ending May 31, 1891	577 57	
" " August 31, 1891	677 58	
" " November 30, 1891	572 49	
" " February 29, 1892	658 76	
		$ 2,874 73

Respectfully submitted.

A. W. STARBIRD,
Treasurer.

San Francisco, March 5, 1892.

REPORT OF THE LIBRARIAN.

The President and Members of the Mechanics' Institute:

I have the honor to present the 37th annual report—a summary of the library work for the year ending February 29, 1892.

There has been an increase in membership, in receipts, and in circulation, as will appear in the tables herewith presented and consequently increased work in every feature of the business of the library.

TABLE OF MEMBERSHIP.

In good standing last report		4,076
New members	subscribers 1,145; life members 5	1,150
Withdrawn and dropped		1,096
Gain		54
In good standing this date		4,130

Of whom 186 are life and 11 honorary members.

BOOKS.

The accessions number 4,017 volumes, under the following classification:

Bibliography	19	Fine arts	113
General periodicals	171	Poetry	145
Philosophy	59	Fiction and juvenile	1,828
Religion	50	Literature and miscellany	130
Sociology	241	Geography, description, travel	179
Philology	20	Biography	260
Natural Science	154	History	167
Useful arts	481		

Of these there were—

Purchased		3,040
Bound		812
Presented		165
		4,017

There were also—

Unbound and pamphlets	purchased 446; presented 121	567
Total new		4,584

These were assigned—

Reference rooms	630
Circulation department	3,387

The book account for the year is $4,506.41.

TABLE OF BOOKS AND ACCESSIONS.

Number of volumes last report		54,982
New volumes added		4,017
Lost with dropped members	31	
Lost and paid for	77	
Worn out and discarded	374	
Returned to government	89	
Missing, unaccounted for	494	
Total reduction		1,065
Net increase		2,952
Total, as per account taken, February 28th		57,934

The large loss in missing volumes is incident to the system of free access to the shelves, and must be accepted as the penalty, or offset to the popularity which that system brings.

The loss is chiefly from the "fiction" class and is believed to be largely the result of carelessness rather than of intention. There are, however, losses which cannot be so charitably considered. Frequently books are missing from the Reference Department, generally works of which the library contains but a single copy; not, perhaps, a costly book, but rather an unusual one, not readily obtained at the bookstores. Sometimes these are found in place again after an absence of days or weeks. Losses of this kind and the more grevious ones of mutilation of some rare work or valuable set to obtain a brief article, or an engraving which might be copied in a few minutes, are among the exasperations which give variety to librarian existence.

There is no apparent remedy for these evils under our library system while members have free access to the shelves and in portions of the rooms which cannot be under constant surveillance. It is, however, encouraging to note that these depredators have occasional spasms of conscience. Recently several valuable books, missing for years, have surreptitiously re-appeared on the shelves; while some missing folded maps were returned anonymously as "found among the effects of a deceased person," and once "conscience money" was sent the librarian by mail.

BINDING.

New volumes bound	812
Old volumes re-bound	1,788
Old volumes repaired in Library	4,508

The binding account is $1,641.31.

PERIODICALS.

The Library is in receipt of 470 papers and periodical publications.

Subscribed for		332
Presented		138
		470
American		375
Foreign		95
		470

The subscription account is $2,340.61.

DONATIONS.

The gifts to the Library were—

Bound volumes	165
Unbound and pamphlets	121
Papers and magazines	138

CIRCULATION.

There were issued at the delivery desk for home use 139,090 volumes, an increase of 3,118 volumes. The average daily issue was 454 volumes. The greatest was February 20th, 965 volumes. The smallest was May 8th, 197 volumes. The Library was open 306 days.

The Library is open on Sunday from 12:30 to 4:30 o'clock P. M. for reading and study only, no books being given out or received. The Sunday visitors number from 39 to 84, the average being 53, and an average present of 22.

RECEIPTS.

There were collected at the Library—

Fees—New members	$ 1,145 00
Life members	250 00
Quarterly dues	21,938 50
Books paid for (77)	84 90
Fines collected (7,975)	1,117 32
Books, extra (4,005)	400 50
Sundries	63 40
Total collections	$24,999 62
Balance March 1st, 1891	144 59
Total cash receipts	$25,144 21
Deposited with Treasurer	24,964 34
Balance on hand March 1st, 1892	$ 179 87

The collection of this sum, mostly in small amounts of $1.50 each, or less, involves a great amount of clerical work in keeping the accounts and in collecting, as but little more than half the dues is paid at the Library.

A happy event marking the year was the visit of Eastern librarians and the successful session of the American Library Association in this city in October. The immediate benefit was apparent in the unusual interest developed in library affairs. The ultimate results cannot be estimated.

A list of donors and table of statistics is appended.

Respectfully submitted.

HORACE WILSON,
Librarian.

SUMMARY OF STATISTICS.—1881-1892.

Year ending March 1st	RECEIPTS. Fees and Dues	RECEIPTS. Other	RECEIPTS. Total	EXPENDITURES. Books	EXPENDITURES. Periodicals	EXPENDITURES. Binding	EXPENDITURES. Total—Books, Periodicals, Binding	EXPENDITURES. Salaries	EXPENDITURES. Other	EXPENDITURES. Total	Accessions, volumes	No. of volumes	Circulation	Membership
1881	$8,713 72	.....	$8,713 72	$2,726 37	$1,243 36	$1,386 49	$5,356 22	$5,341 00	$6,129 37	$16,826 59	1,878	30,007	47,550	1,537
1882	8,393 75	$56 60	8,450 35	1,702 91	1,314 18	745 48	3,762 57	5,342 50	5,139 99	14,245 06	1,356	31,187	46,873	1,524
1883	8,249 50	69 35	8,318 85	2,154 74	1,526 63	738 19	4,419 56	5,342 50	4,724 63	14 486 69	1,758	32,620	44,236	1,618
1884	10,146 08	98 00	10,244 08	2,105 01	1,482 73	658 35	4,206 09	4,982 00	5,626 23	14,854 32	2,053	34,620	51,464	1,919
1885	11,553 00	44 15	11,597 15	4,134 88	1,0'4 74	1,327 21	6,526 83	5,488 15	7,910 07	19,925 05	2,792	36,328	50,759	2,123
1886	14,123 50	140 60	14,264 10	4,130 32	1,051 37	1,194 90	6,376 59	6,132 00	7,490 91	19,999 50	5,302	38,627	72,121	2,531
1887	15,227 50	184 25	15,411 75	4,198 03	1,382 52	1,234 89	6,815 44	6,445 50	6,819 61	20,080 55	3,394	41,465	89,491	2,852
1888	17,503 50	209 16	17,712 66	4,639 69	1,386 63	1,438 97	7,465 29	6,602 00	6,224 51	20,291 80	3,809	45,051	92,827	3,160
1889	19,806 00	248 85	20,054 85	3,846 71	1,589 18	2,413 14	7,849 03	7,540 00	7,283 63	22,672 66	3,713	47,656	100,503	3,557
1890	21,669 00	403 90	22,072 90	4,824 81	1,276 22	1,648 07	7,749 10	8,162 50	7,612 37	23 523 97	4 701	51,820	114,678	3,970
1891	22,863 50	1,400 35	24,263 85	4,720 13	1,670 81	2,594 43	8,985 40	8,883 00	7,401 98	25,270 38	4,147	54,982	135,972	4,076
1892	23,333 50	1,666 12	24,999 62	4,506 41	2,310 61	1,641 31	8,488 33	9,712 50	8,341 12	26,541 95	4,017	57,934	139,090	4,130

GIFTS.

BOOKS AND PAMPHLETS.

Names of Donors.	Vols.	Pamphlets.
Academy of National Sciences, Philadelphia		2
Alvord, William		1
Associated Charities of Boston		1
Barnard, E. E		2
Blake, Chas. E., M. D		1
Bradshaw, Miss S. G. (subscription to "Christian Science Journal")		
Brooklyn Library		3
Bunker, W. M		1
Burbank, C. D		1
Bureau of American Republics		4
California Academy of Sciences		1
California Historical Society	3	
California State Agricultural Society	4	
CALIFORNIA—		
Bank Commissioners	1	
Chicago Public Library		16
Cooley, Thomas M	1	
Craft, H. J. (subscription to "Humane Journal")		
Cust, Dr. R. N	3	
Cutting, General J. T	1	5
Davidson, Prof. George (chart of Alaska)		1
Davis, A. B		1
Denborn Company		2
Dillingham, B. F		1
Eagleston, Thomas	1	
Finley, John P	1	
Fraser & Chalmers, Chicago	1	
Grunsky, C. E		1
Hall, William Ham		3
Harvard University		1
Hilgard, E. W		1
Hoboken (N. J.) Free Public Library		1
Institution of Civil Engineers, London	1	5
J. C. Jens Company (subscription "Germania")		
Jones, Mrs. Julia Clinton	1	3
Leland Stanford Jr. University		2
Lene, Adolph	1	

Names of Donors.	Vols.	Pamphlets.
Library Company, Philadelphia		1
Lick Observatory	1	
Los Angeles Public Library		4
Manderson, Senator	1	
Manson, Marsden		1
Maryland Institute		1
Massachusetts Charitable Mechanics' Association	1	
Member, (A)	2	
Merrill, George B		1
Merry, William L		1
Milwaukee Public Library		1
National Association of Builders, Boston		1
Newbury Library, Chicago		1
Nolan, Dr. E. J		1
Oberlin College		1
Peschard, Albert		1
Pratt Institute		1
Providence Athenæum		1
Russell, John A	1	
San Francisco Free Public Library		1
San Francisco Journal of Commerce		1
San Francisco Law Library	1	
SAN FRANCISCO—		
Superintendent of Common Schools	1	
Savage, R. H	1	
Schenck, W. T. Y	3	1
Schneider & Company		1
Shinn, Miss M	1	
Sims, Dr. Joseph		2
Smedberg, Col. W. R		2
Smithsonian Institute	3	9
Society for Psychical Research		1
Sprague, Chas. E		2
Spreckels, J. D. & Co	1	
State of Maine Association		1
St. Louis Public Library		1
Swift, Morrison I	1	
Townsend, R. L	1	
Turner, H. W		2
United States Board of Geographical Names		1
UNITED STATES—		
Bureau of Education		1
Bureau of Statistics (Reports, 1891)		
Chief of Engineers	4	

Names of Donors.	Vols.	Pamphlets.
Coast and Geodetic Survey	1	3
Commissioner of Labor	1	
Commissioner of Pensions		1
Comptroller of Currency	1	
Department of Agriculture	1	1
Department of the Interior	98	2
Department of State	1	3
Life Saving Service	1	
Naval Observatory	2	
Navy Department	1	
Ordnance Department	1	
Patent Office (Publications, 1891)		
Signal Service	1	3
Treasury Department	1	
War Department	15	1
University of California		2
University of Chicago		2
Vischer, Hubert	9	2
Webb, William Seward	1	
Whiteside, V. S.	1	

PERIODICALS PRESENTED.

Alameda Argus (Alameda, Cal.)
American Institute of Mining Engineers, Transactions
American Sentinel (Oakland, Cal.)
American Standard (San Francisco, Cal.)
Anderson Enterprise (Anderson, Cal.)
Astronomical Society of the Pacific, Publications
Boston Hygieina.
Breeder and Sportsman.
Building Advertiser.
Bulletin Commerciale de Campagnie Geneva Transatlantique.
Bureau of Statistics, Quarterly Reports
California Academy of Sciences, Bulletin
California Architect.
California Demokrat.
California Fruit Grower.
California Journal.
California Spirit of the Times.
California Voice.
Californische Volksfreund.
Chamber of Commerce Journal (London).
Chino Valley Champion (Chino, Cal.)
Christian Science Journal.

Citrograph (Redlands, Cal.)
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